Class Tasks B3
Interface Evaluation
Scenario 1
Suggested Answers

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Class Task B3 – EB Garage Interface Evaluation

Evaluate your interface.

You should consider the quality, performance and usability of the interface you have created in terms of how well is ensures:

Service Plan Input Form

- The form is ready for data entry when the form opens.
- The service plan name must be present.
- The service plan cost must be greater than 0.
- A record will save in the Service Plan table if all the required data is present and valid.

Customer Input Form

- The form is ready for data entry when the form opens.
- The customer name must be present.
- The customer phone number must be exactly 8 digits.
- The customer email must contain an '@' symbol.
- A service plan must be selected.
- A record will save in the Customer table if all the required data is present and valid.

Vehicle Search Form

After a fuel type and vehicle category has been selected the following details will appear:

- The vehicle make, model and year.
- The total number of vehicles of that fuel type in the database.
- The total number of vehicles of that category in the database.
- The number of vehicles in the search results as a percentage of the total.
- The words "ULEZ Compliant" if necessary.

Time Allowed: 30 Minutes

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Suggested Answers

Service Plan Input Form

Quality

The quality of the Service Plan Input Form is fairly good, because there are good clear validation messages whenever a user enters incorrect data, and most of the validation checking works as expected. However, the Service Plan validation code does not work properly. This means that a user could enter potentially incorrect information, and this would be saved to the database. Because of these issues, I think that the form is only of fairly good quality.

Performance

The performance of the Form is not very good because although the form opens ready for data input, which is the expected behaviour, when valid data is entered, a.

Usability

The usability of the form is very good because all of the input controls have labels that clearly show what data needs to be entered into the form. The controls area laid out in a straight line for easy reading, and there are clear instructions to the user

Improvement

To improve the Form, I would fix

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